

10:00 AM

APPLICATION

PERCOLATION TESTING

4-3-00
- NO Fee
- Re-confirm
SDA
AL

No Fee → A 515019-A

P _____

DISTRICT _____

DATE 4-3-2000

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Richard E. Kaelin

ADDRESS 2425 Mullinix Mill Rd
Me. Airy Md. 21771 PHONE 301-831-7933

AGENT OR PROSPECTIVE BUYER John + Jenée Martin

ADDRESS 103 Centerside Rd
Me. Airy MD 21771 PHONE 301-607-8233

PROPERTY LOCATION:

SUBDIVISION Dendor Mar Estates LOT NO. 2

ROAD AND DESCRIPTION Mullinix Mill Rd.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 2.29571 TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Richard E. Kaelin
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

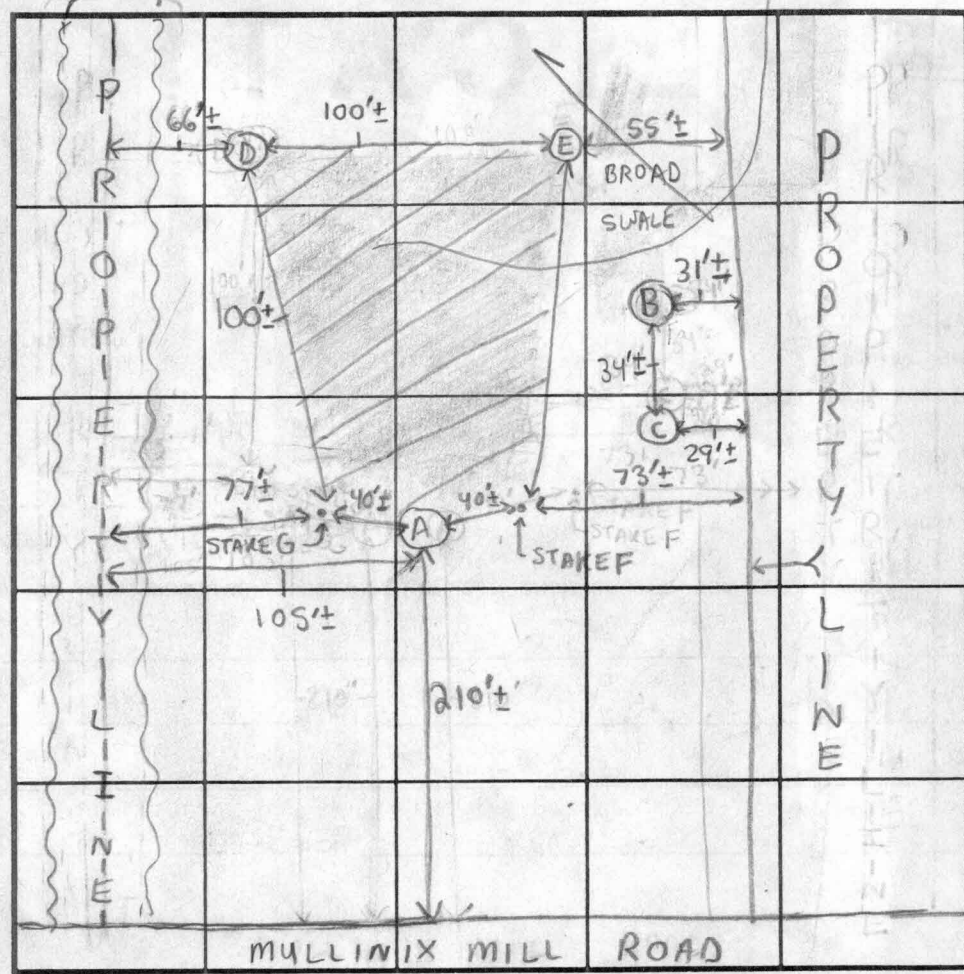
No Fee
COUNTY #

DRAINAGE EASEMENT TO WIRE

SOIL PROFILE
 0' (A) & (D)
 5"-1' Topsoil
 3'-6" red-brown clay
 4' red-brown clay loam
 4' beige-white fine sandy loam powdery <5% rock frags & decayed saprolite
 11'6"

(B)
 0' Topsoil
 6"-1' red-brown heavy clay
 3' red-brown clay loam
 4' possible hard pan? cemented
 5' pink beige fine sandy loam <15% rock frags & decayed saprolite
 11'6"

(C)
 0' topsoil
 1"-1' red brown heavy clay
 3' red-brown clay loam
 4' possible hard pan?
 5' beige-white fine sandy loam <5% rock frags & decayed saprolite
 11'6"



SOIL PROFILE
 0' (E)
 6"-1' top soil
 3' red-brown clay
 4' red-brown clay loam
 4' beige-white fine sandy loam powdery <5% rock frags & decayed saprolite
 11'6"

HOLES B & C WILL PROBABLY PERC AT 6 OR 7 FEET BUT ARE NOT NEEDED FOR SDA

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

* DRAWING IS NOT TO SCALE *

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
4/13/00	(A)	4' T 11'6" V	11:33 pm	11:34 pm	11:34 pm	11:36 pm	2 min	OK
	(B)	4' T 11'6" V	11:45 pm	12:00 pm	Test Stopped	No movement of H ₂ O below 1st peg		Fails
	Repair (B)	5' T	12:19 pm	12:30 pm	" "	" "	" "	
	(C)	4'6" T 11'6" V	1:00 pm	1:30 pm	NO H ₂ O MOVEMENT			Fails
	Repair (C)	5' T	2:00 pm	2:30 pm	NO H ₂ O MOVEMENT			
	(D)	4'6" T 11'6" V	2:50 pm	3:00 pm	Test Stopped	No movement of H ₂ O below 1st peg		OK
	Repair (D)	5' T	3:15 pm	3:17 pm	3:17 pm	3:30 pm	13 min	
	(E)	4'6" T 11'6" V	3:30 pm	3:45 pm	Test Stopped	No movement of H ₂ O below 1st peg		OK
	Repair (E)	5' T	3:48 pm	3:56 pm	3:56 pm	4:12 pm	16 min	
	Stakes F & G	Borders of Upper Edge of Easement						OK

REMARKS: Measurements are taken from approximate center of holes, Stakes F & G WHICH ARE MARKED IN THE FIELD WILL SERVE AS UPPER CORNERS OF SEPTIC AREA - TYPE OF SOIL CLAY LAYER VARIES IN DEPTH (DEEPER IN SWALE)

TESTED BY Steven R. Krieg and Will Hopkins ALSO PRESENT Richard Kaelin

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 10 min TRENCH WIDTH 3'

INLET DEPTH 4' MAXIMUM BOTTOM DEPTH 6' SQ. FT./BEDROOM 210

SOILS IN THESE LOCATIONS SHOULD BE SIMILAR TO (A) & 1971 PERC

Preliminary

13 ft. usual hole needed

APPLICATION

A 16423
P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

Septic Tank - 1250 gal.

ELLICOTT CITY

DISTRICT 4th

DATE 10/20/01

*11/10/11
9/30*

Dry Well - 400 sq. ft. absorbent sidewall area to begin below the first 3 1/2 ft. of non-porous soil.

7/28/76

Maximum depth permitted for dry well is 10 ft.

*14/30/01
14/30/01
14/30/01*

below original grade. Locate dry well 200 ft. from front property line and 105 ft. from left side line as seen from Mullinix Mill Rd.

TO: THE COUNTY HEALTH OFFICER *from Mullinix Mill Rd.*
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. **Alfred C. Marple (owner at settlement)*

PROPERTY OWNER *Sam Cook* ~~*John Kaelin*~~
#11704 Kemp Mill Road, Silver Spring, Md 20902 - 649-1153

ADDRESS *1220 East West Highway, Silver Spring, Md* PHONE *588-8986*

PROPERTY LOCATION:

SUBDIVISION *Vendor Map* LOT NO. *2 on left side*

ROAD AND DESCRIPTION *Mullinix Mill Road - Barnard Tract - Parcel "B" 1/8 mile from the Montgomery/Howard county line heading in a northeasterly direction on right hand side of road*

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT *3.18 ACRES* TYPE BLDG. *Single Private Residence (4 bdr)*
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT *Alfred C. Marple* ~~*7/28/76*~~ *By Roger M. Hopkins*

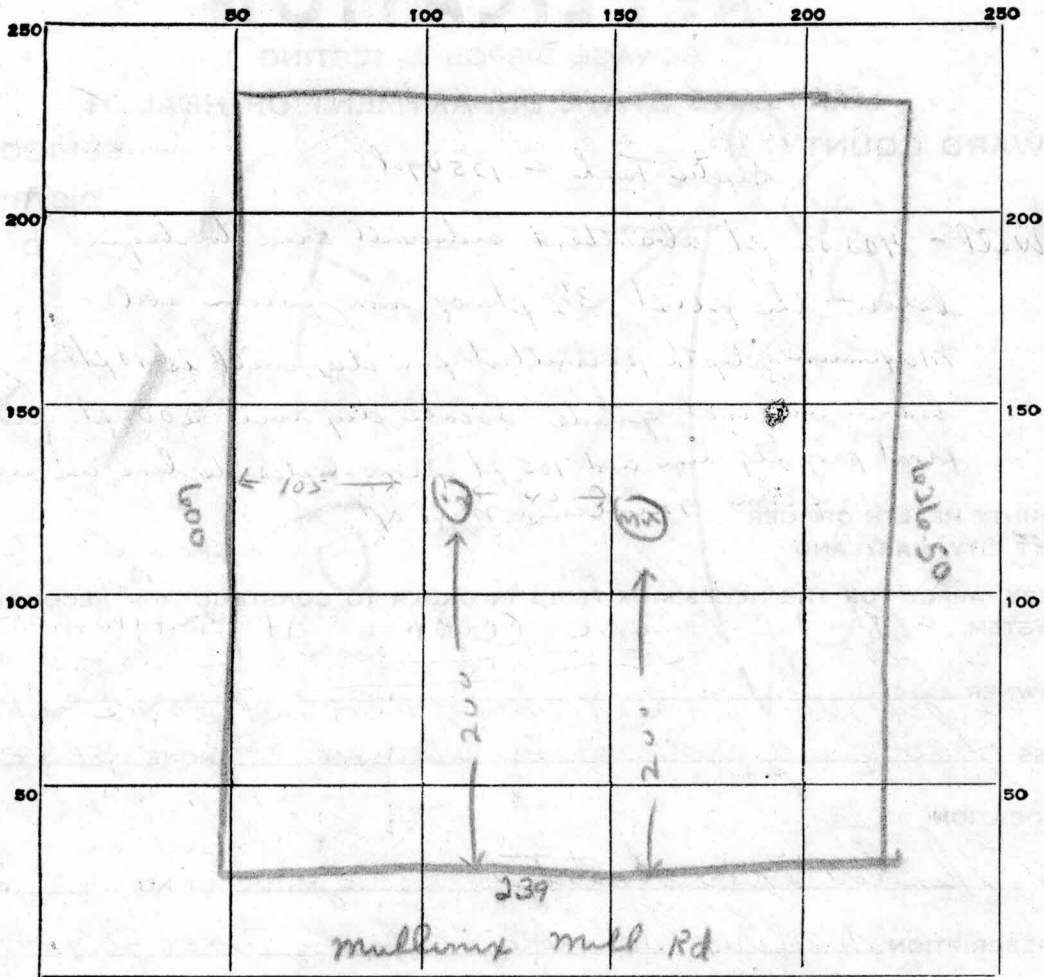
APPROVED BY *Robert V. Tope* FOR *Dry Well* DATE *7/17/72*
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING *7/28/76 checked hole - dry*
Spoke to Mrs Kaelin at site - hole 3 instead of 4 ft.
C.B.C.

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/10/71	1	4 ft	11 04	11 07	11 07	11 13	6 min
	2	10 ft	11 05	11 07	11 07	11 12	5 min
	3	10 ft	11 15	11 20	11 30	11 27	7 min
	4	7 ft	Same as 1				

SOIL AUGER FINDING Soil to be 4 ft

TESTED BY R. Turner

REMARKS _____

APPLICATION

A 16423

SEWAGE DISPOSAL TESTING

P _____

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

Septic Tank - 1250 gal

DISTRICT 4th

Dry Well - 400 sq ft adjacent sidewalk area to begin below the point 3 1/2 ft. of non-porous soil

DATE 10/20/71

Maximum depth permitted for dry well is 10 ft. below original ground level

OCT 22 8 53 AM '71

HOWARD COUNTY HEALTH DEPT. ELLICOTT CITY, MD. Locate dry well 200 ft from front property line & 100 ft from left side line as seen from Mullinix Mill Rd

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM. **Alfred C. Marple (owner at settlement)*

PROPERTY OWNER *Sara Cook*
*11704 Kemp Mill Road, Silver Spring, Md. 20902 - 649-1153

ADDRESS *1220 East West Hwy, Silver Spring, Md.* PHONE *588-8986*

PROPERTY LOCATION:

SUBDIVISION *Wendover Meadows Estates* LOT NO. *2*

ROAD AND DESCRIPTION *Mullinix Mill Road - Barnard Tract - Parcel "B"*

0.8 mile from the Montgomery/Howard County line heading in a northeasterly direction on right hand side of road

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT *3.18 Acres* TYPE BLDG. *Single Residence (4 beds)*
(NUMBER OF BEDROOMS)

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT *Alfred C. Marple*

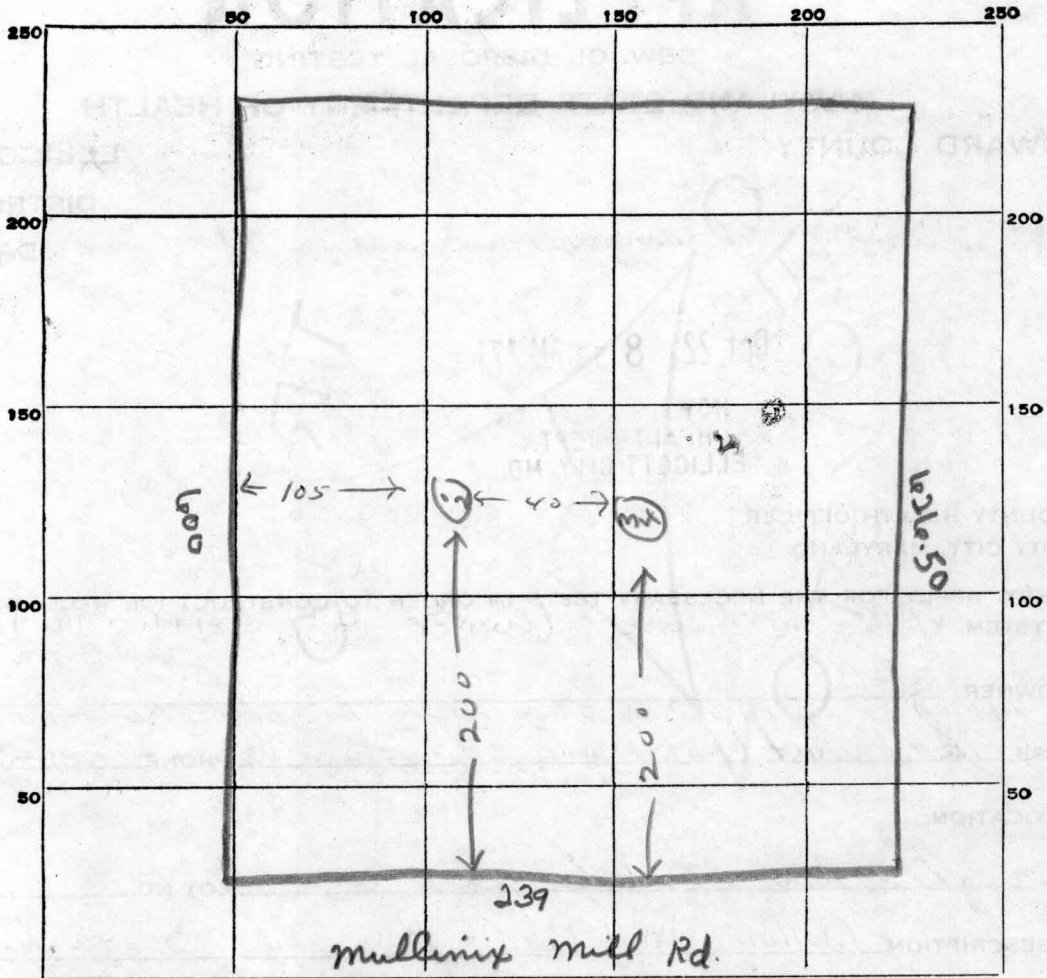
APPROVED BY *Robert V. Tread* FOR *Dry Well* DATE *7/17/72*
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/10/71	1	4 ft.	11 04	11 07	11 07	11 13	6 min
	2	10 ft.	11 05	11 07	11 07	11 12	5 min
	3	10 ft.	11 15	11 20	11 20	11 27	7 min
	4	4 ft.	Some soil.				

Aug
6 min

SOIL AUGER FINDING shlat to be 4 ft.

TESTED BY R. Toner

REMARKS _____



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

²⁷
April 25, 2000

Mr. Richard E. Kaelin
2425 Mullinix Mill Road
Mt. Airy, MD 21771

RE: Percolation test results (Reconfirm A 16423)

Proposed Use: Existing Lot of Record

Property ID: Dendor Mar Estates, Lot # 2
Mullinix Mill Road

Tax Map 12 Grid 11 Parcel 50

Dear Mr. Kaelin:

Percolation testing conducted Thursday April 13, 2000 on the above referenced property yielded limited satisfactory soil conditions.

Further review is contingent upon submission of a perc certification plat by a registered engineer. This plan must include the following:

- actual locations and elevations of all excavated test holes and field stakes
- a suitable house and well site
- locations of any existing structures on the property
- locations of any streams, drainage swales, or springs on the property
- field matched contour lines at 2-foot intervals
- locations of any wells or septic systems on adjacent properties within 100 feet of the property boundaries

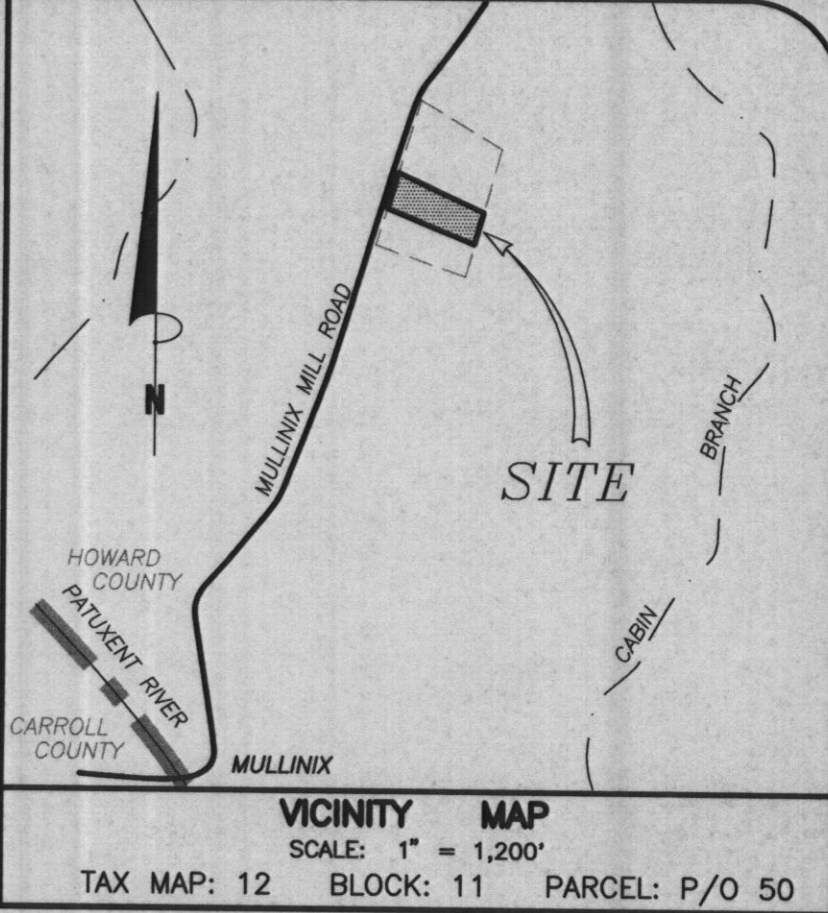
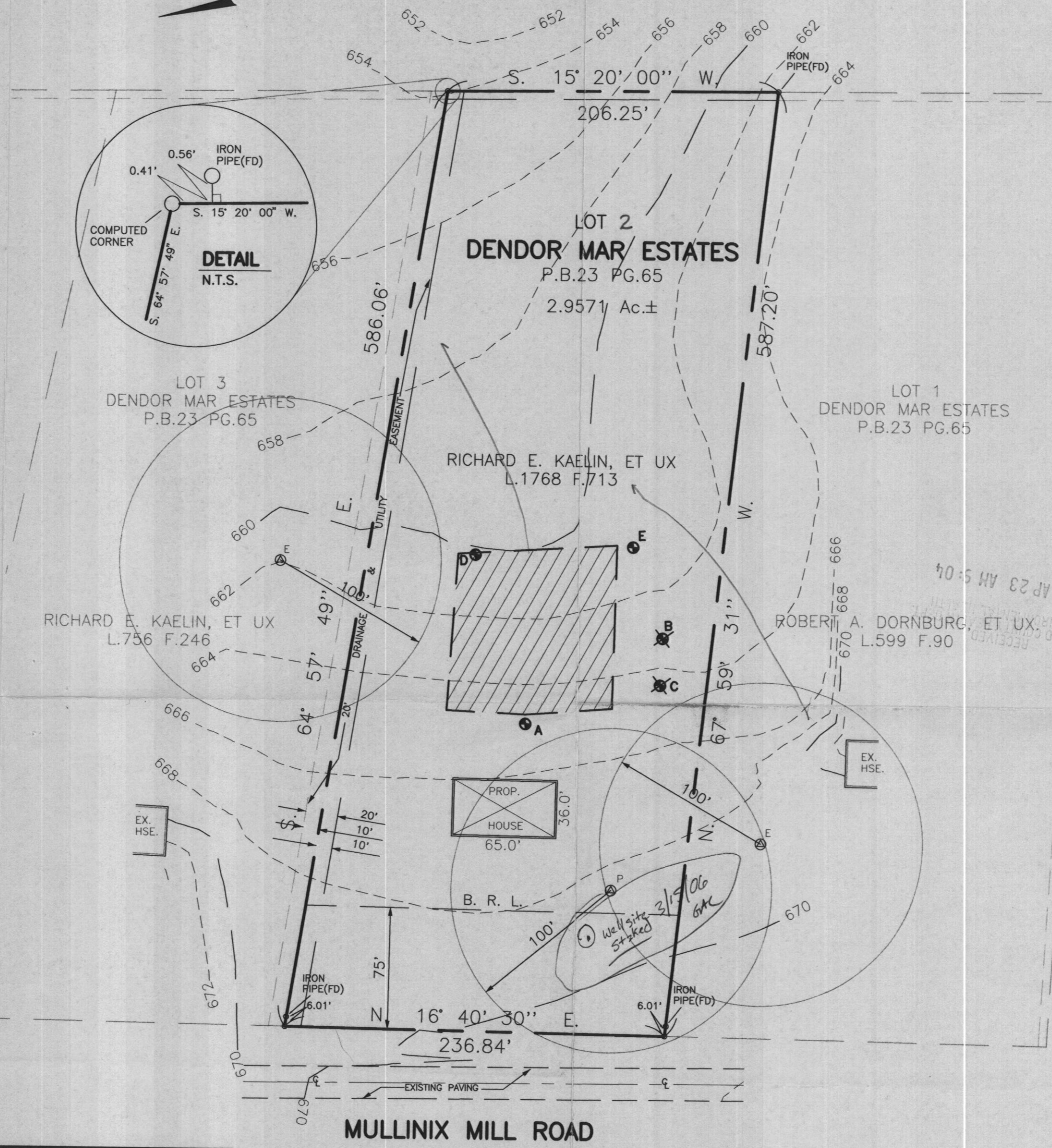
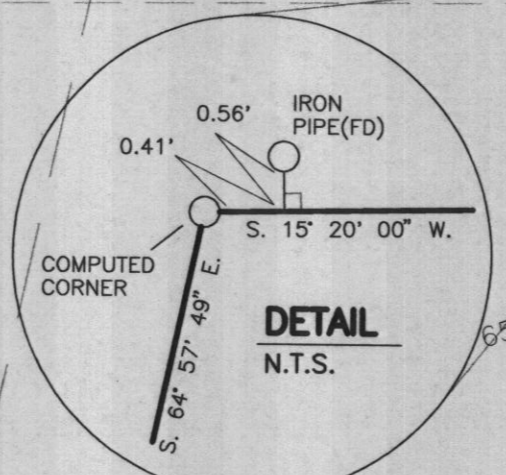
The plat should be submitted within sixty (60) days to allow field verification if necessary. Enclosed, please find copies of the percolation test notes along with a checklist for the development of lots. If you have any questions regarding this matter, please contact me at the address below or by calling (410) 313-2640. Thank you in advance for your time and cooperation.

Respectfully,

Steven R. Krieg
Steven R. Krieg, Sanitarian.
Water and Sewerage Program

SRK
Enclosures
cc: file ✓

LEWIS FRANK McCOLLIN, JR.
L.242 F.218



NOTE:
THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.

APPROVED:
FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
Dina H. [Signature] 4/25/01
HOWARD COUNTY HEALTH OFFICER SRK, DATE

THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY MARYLAND STATE DEPARTMENT OF ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL.

IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.

EXISTING PERCOLATION TEST SITE: FAILED PASSED

PROPOSED WELL: EXISTING WELL:

PROPOSED HOUSE SITE:

NOTE: THERE ARE NO EXISTING WELLS OR SEPTIC SYSTEMS WITHIN 100' OF ANY PROPERTY BOUNDARIES UNLESS OTHERWISE SHOWN HEREON.

I CERTIFY THAT THE LOCATIONS SHOWN HEREON ARE BASED ON FIELD LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT, TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

Sourabh Munshi 4/19/01
SOURABH G. MUNSHI, PROF. L. S., MD. REG. # 10770 DATE

DATE	REVISIONS
04/19/01	-per comments(4/4/01)



PERCOLATION CERTIFICATION PLAT A# 515 019-A
LOT 2
DENDOR MAR ESTATES

SITUATED ON EAST SIDE OF MULLINIX MILL ROAD
FOURTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 60'
JANUARY, 2001

VANMAR ASSOCIATES, INC.
Engineers Surveyors Planners
210 South Main Street P.O. Box 228 Mount Airy, Maryland 21771
(301) 529-2890 (301) 521-5015 (410) 549-2751

File name: T:\EP\JOBS\A0-4454\A0-4454

NOTE: THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH REGULATIONS.

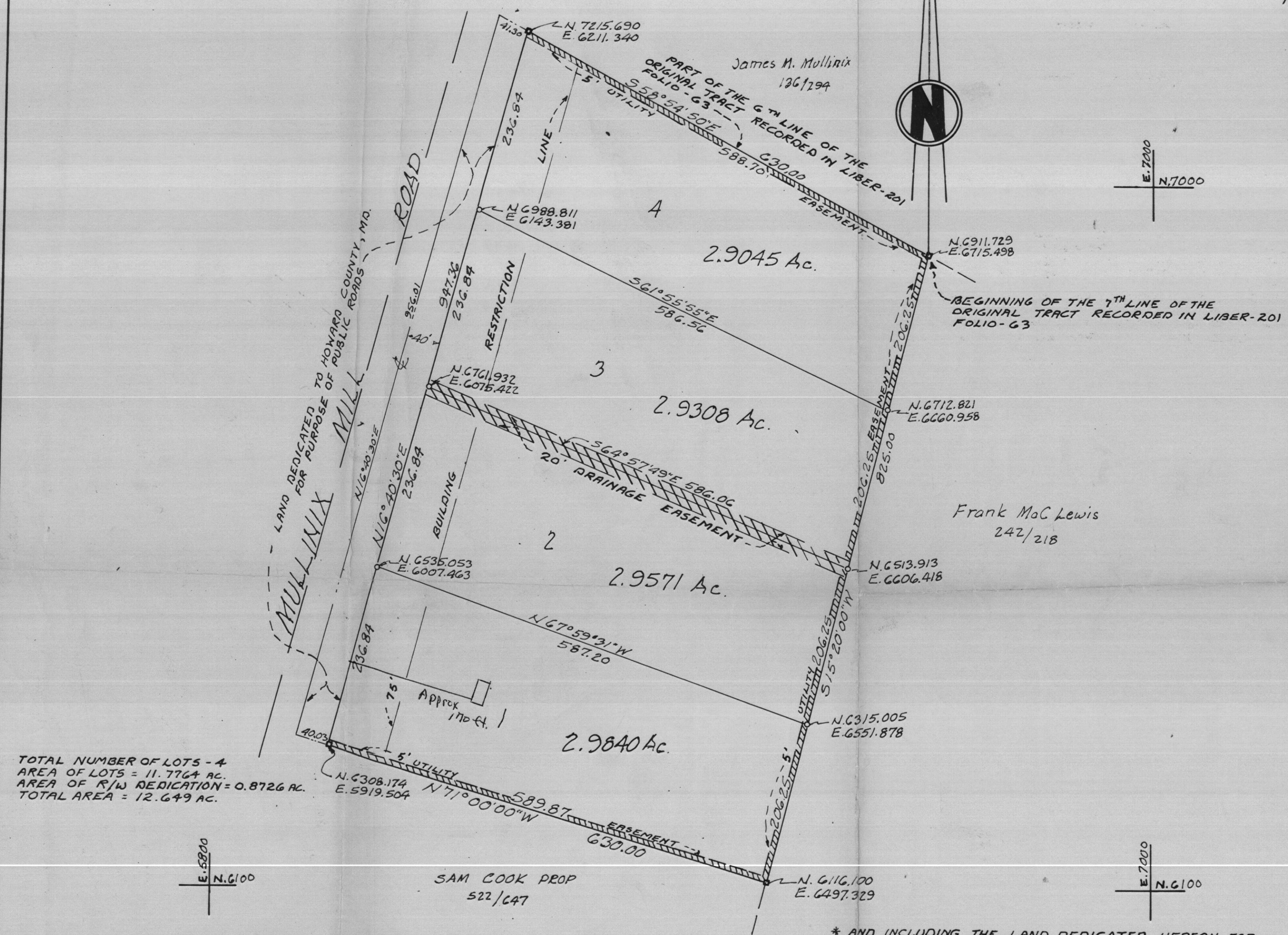
GENERAL NOTES.
1. COORDINATES ASSUMED

OWNER: CHARLES J. DORNBURG
10201 MCGOVERN DRIVE
SILVER SPRING, MARYLAND

#14902 Robert Dornburg
7/6/72

RECORDED IN LIBER 65
ON June 28 72

PLAT OF SUBDIVISION
DENDOR MAR ESTATES
4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100'
APRIL 13, 1972



TOTAL NUMBER OF LOTS - 4
AREA OF LOTS = 11.7764 AC.
AREA OF R/W DEDICATION = 0.8726 AC.
TOTAL AREA = 12.649 AC.

* AND INCLUDING THE LAND DEDICATED HEREON FOR THE WIDENING OF MULLINIX MILL ROAD

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE, HOWARD COUNTY HEALTH DEPARTMENT
Heather 6-21-72
COUNTY HEALTH OFFICER DATE

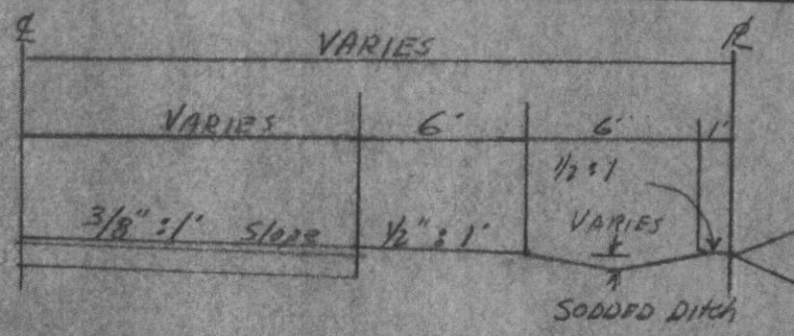
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Donald H. Hight 6-28-72
DIRECTOR DATE

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William G. Altman 6/28/72
DIRECTOR DATE

OWNER'S CERTIFICATE:
I, Charles J. Dornburg, owner of the property shown and described hereon, adopt this plan of subdivision and reserve the fee simple title to the beds of the streets and/or roads shown hereon and in consideration of the approval of this plat by the office of Planning and Zoning we for ourselves, our heirs or assigns, do hereby give and grant unto Howard County, Md. the right and option to acquire for the consideration of One Dollar the fee simple title of the beds of the streets and/or roads shown hereon, within the period of five years from the date of the recording of this plat among the Land Records of Howard County, Md.
WITNESS OUR HANDS AND SEAL THIS 20TH DAY OF April 1972
Charles J. Dornburg
CHARLES J. DORNBURG

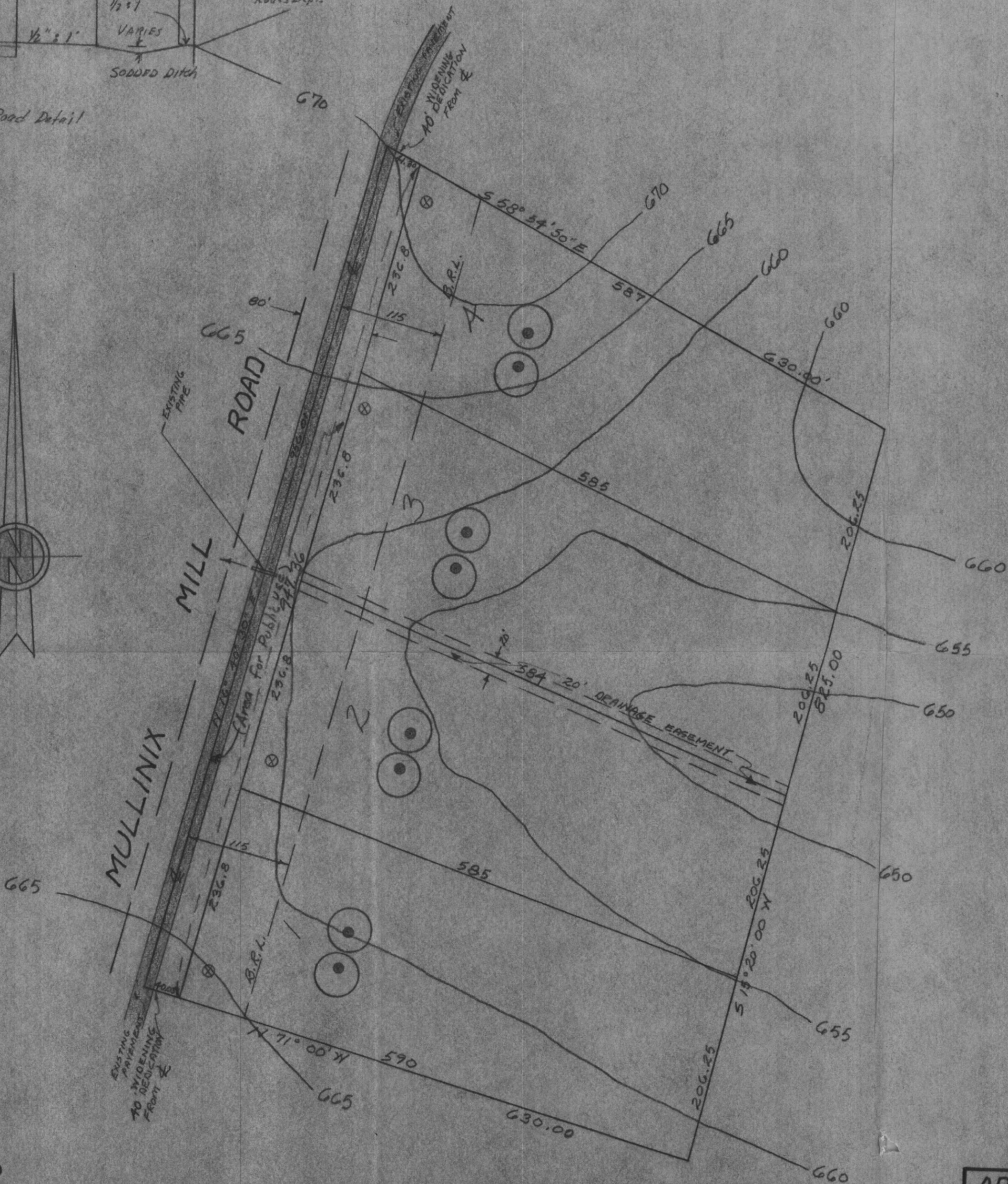
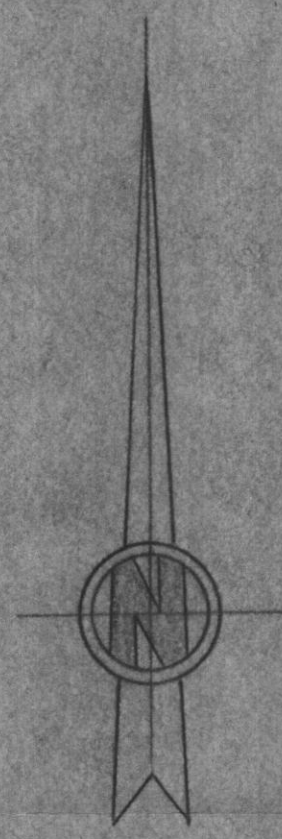
SURVEYORS CERTIFICATE:
I hereby certify that the plan shown hereon is correct, that it is a subdivision of all the land which by deed dated April 17, 1972 and recorded among the Land Records of Howard County, Md in Liber CMP 595 at folio 725 was granted and conveyed by Sam Cook et al to Charles J. Dornburg, and that concrete monuments thus have been placed where shown.
I further certify that requirements of Maryland Code, Article 17 of the Annotated Code of Maryland (as amended) as far as they relate to the validity of this plat have been complied with.
5-20-72
DATE
ELWOOD RENN Reg. No. 3383

RENN SURVEYS
DAMASCUS, MD.
PH. 948-8822



Slope as Directed by the Howard County Roads Dept.

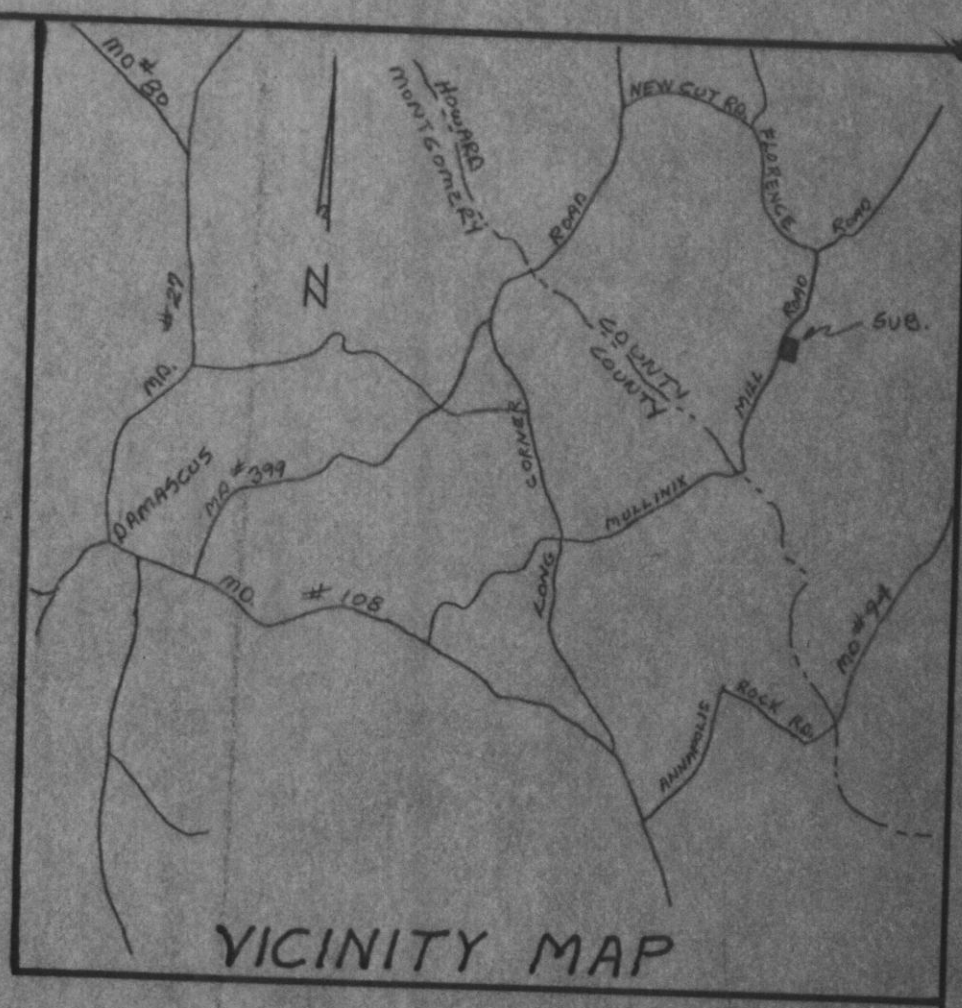
Standard Road Detail



- LEGEND**
- - PERCOLATION TEST HOLE
 - ⊗ - WATER WELL
 - ⊕ - SEWAGE DISPOSAL AREA

GENERAL NOTES

1. ELECTION DISTRICT NO. 4
2. ZONING: R-40
3. LOT SIZE: 40,000 ± MINIMUM
4. DEVELOPER TO SUPPLY PRIVATE SEWER AND WATER
5. TOTAL NUMBER OF LOTS - 4
6. TOTAL AREA OF LOTS 11.775 AC
7. TOTAL AREA SHOWN ON THIS PLAN IS 12.649 AC.



OWNERS & DEVELOPERS

OWNER: SAM COOK
 1220 EAST WEST HIGHWAY
 SILVER SPRING, MARYLAND
 PHONE: 588-8786

DEVELOPER: ROBERT A. DORNBERG
 8906 SECOND STREET
 LANHAM, MD, MARYLAND
 PHONE: 577-1536

APPROVED BY
 OFFICE OF PLANNING AND ZONING OF
 HOWARD COUNTY

DATE _____

PERCOLATION TEST DATA

LOT NO.	AVERAGE PERCOLATION TIME IN MINUTES PER SECOND INCH	MAXIMUM DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO THE EXISTING GRADE AT TIME OF PERCOLATION TEST
1	4 min	4'
2	6 "	4'
3	12 "	4'
4	17 "	4'

PRELIMINARY SUBDIVISION PLAN
DENDOR MAR ESTATES
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' NOVEMBER 26, 1971

APPROVAL FOR SOIL CONSERVATION PLAN

REVIEWED: _____ DISTRICT CONSERVATIONIST DATE _____

APPROVED: _____ HOWARD CO. SOIL CONSERVATION DIST. DATE _____

APPROVED FOR PRIVATE SEWAGE AND PRIVATE WATER SUPPLY:

DATE _____ COUNTY HEALTH OFFICER

THE LOTS SHOWN HEREON COMPLY WITH MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH REGULATIONS.

RENN SURVEYS
 DAMASCUS, MD.
 PH. 948-8822